

10/519693

1 / 9

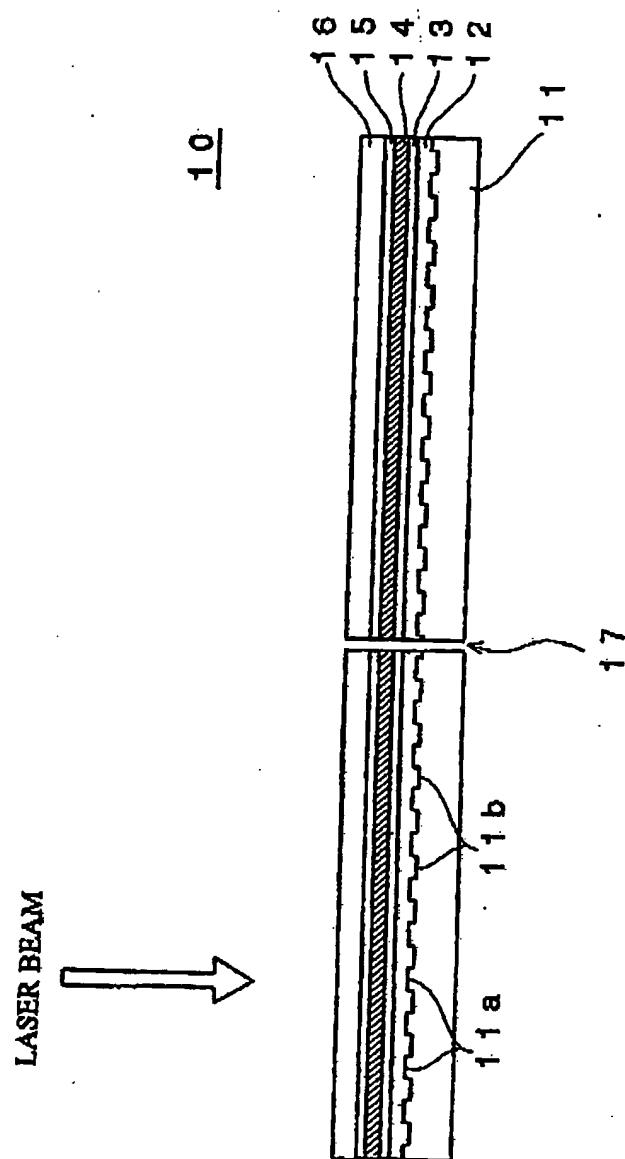
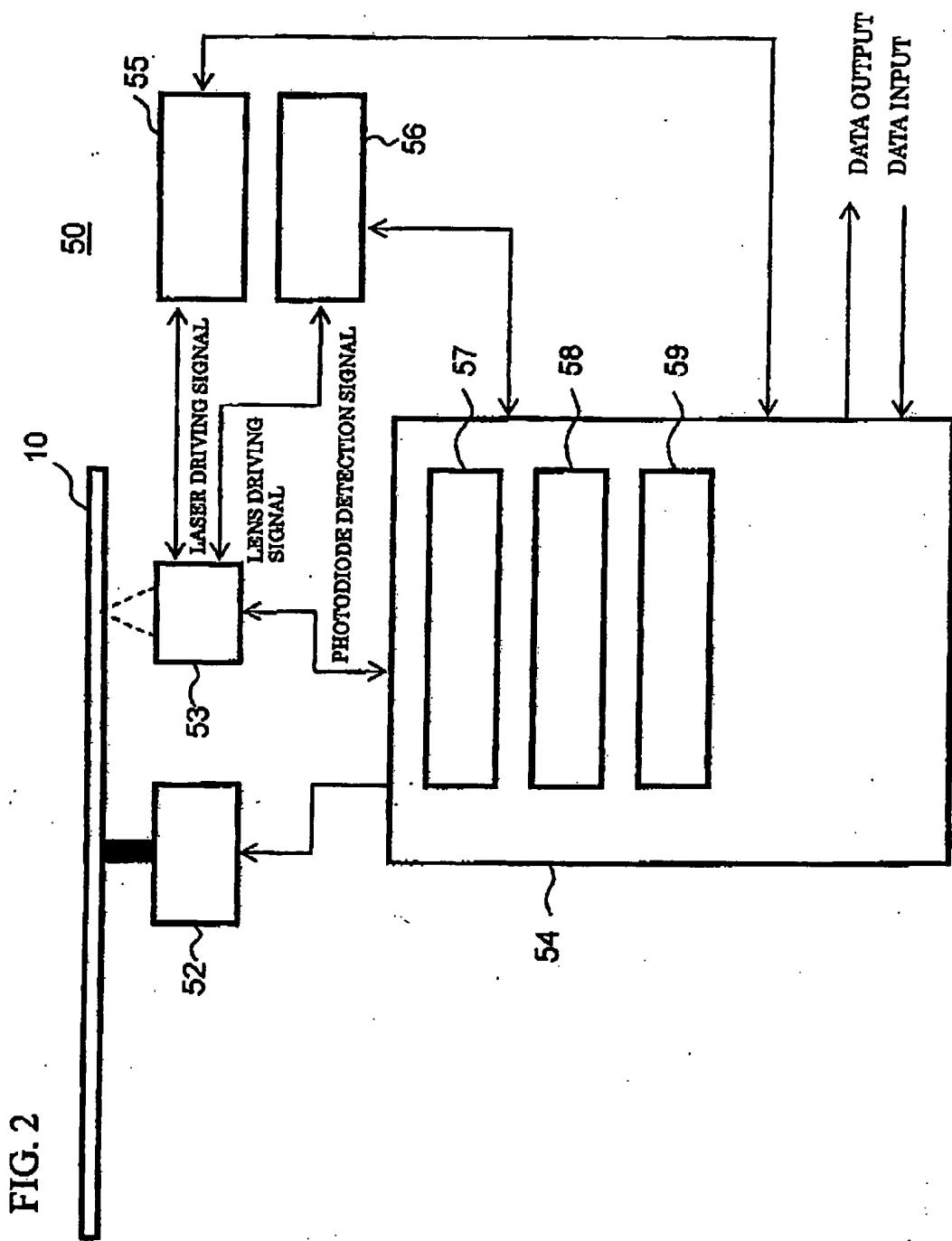


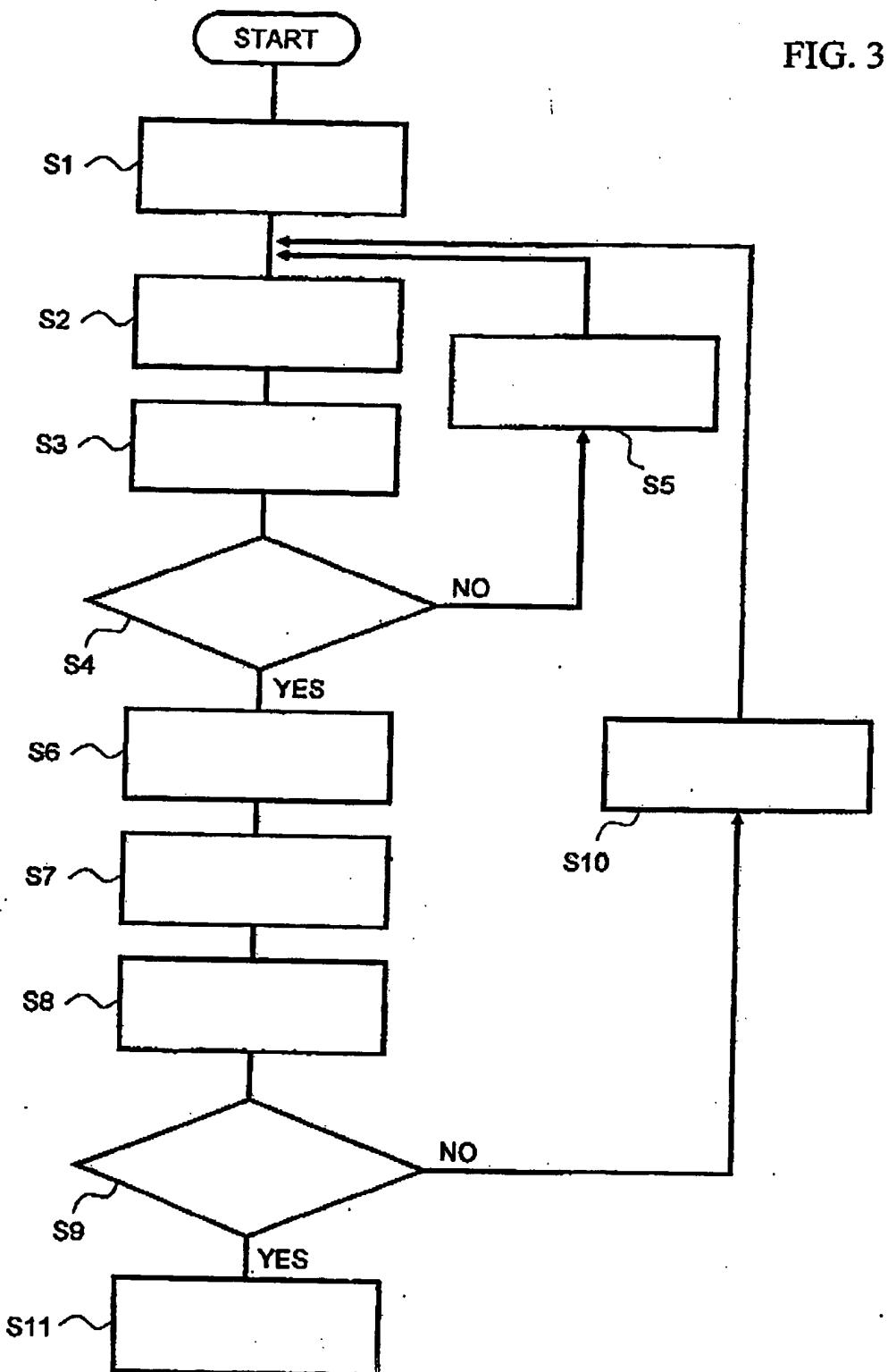
FIG. 1

10/519693

2 / 9



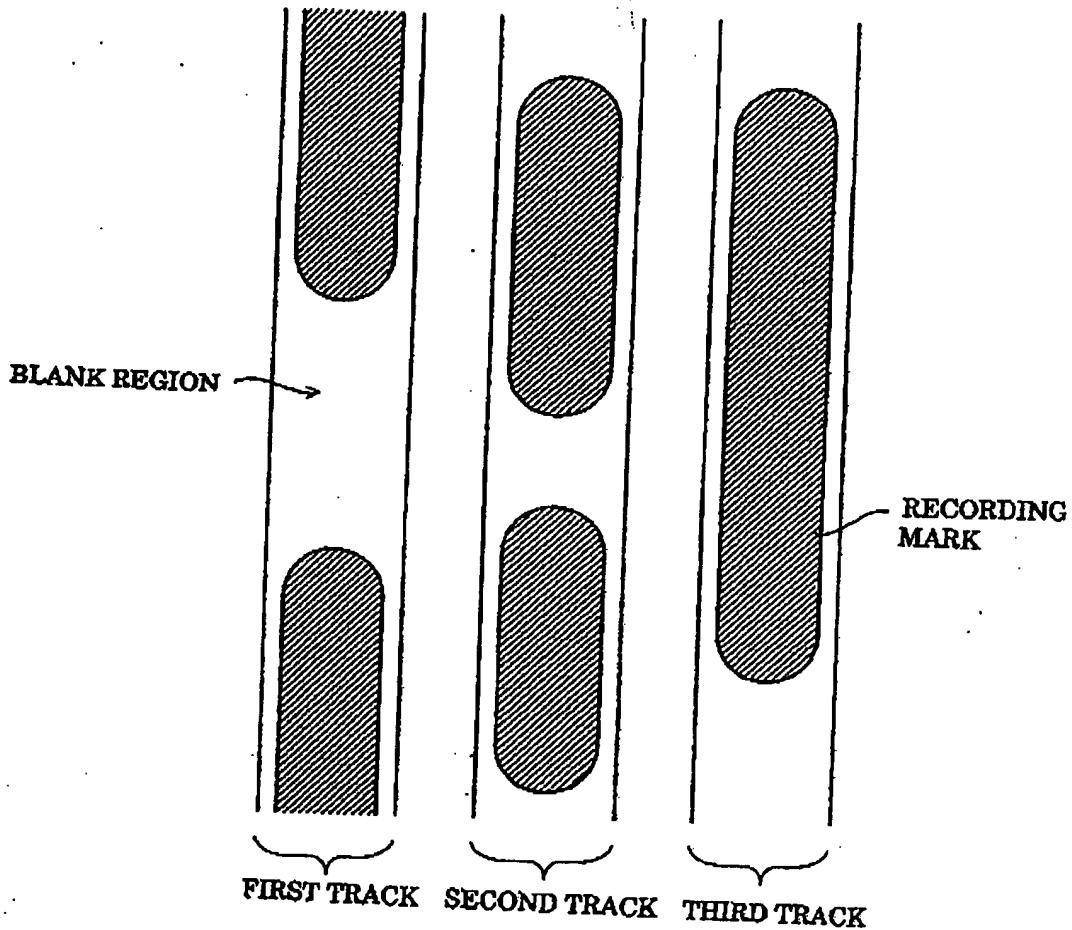
3 / 9



10/519693

4 / 9

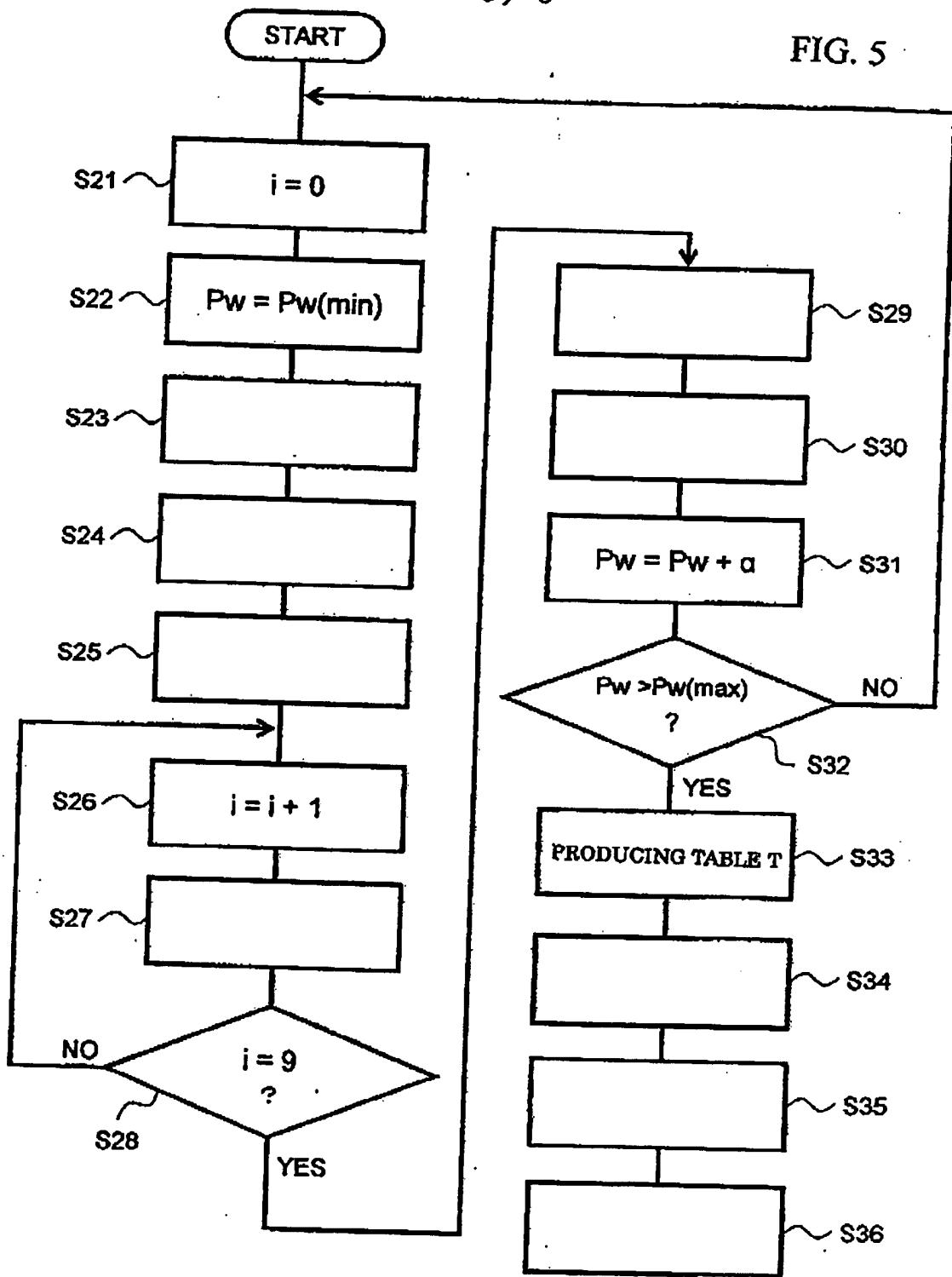
FIG. 4



10/519693

5 / 9

FIG. 5



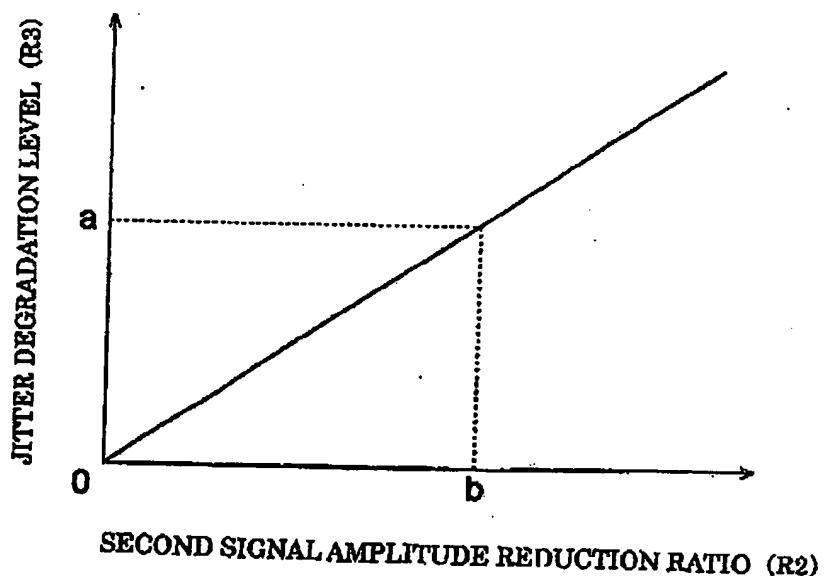
10/519693

6 / 9

FIG. 6

	R1	R2	R3
$P_w = P_w(\min)$	*****	*****	*****
$P_w = P_w(\min) + \alpha$	*****	*****	*****
⋮	⋮	⋮	⋮
$P_w = P_w(\max)$	*****	*****	*****

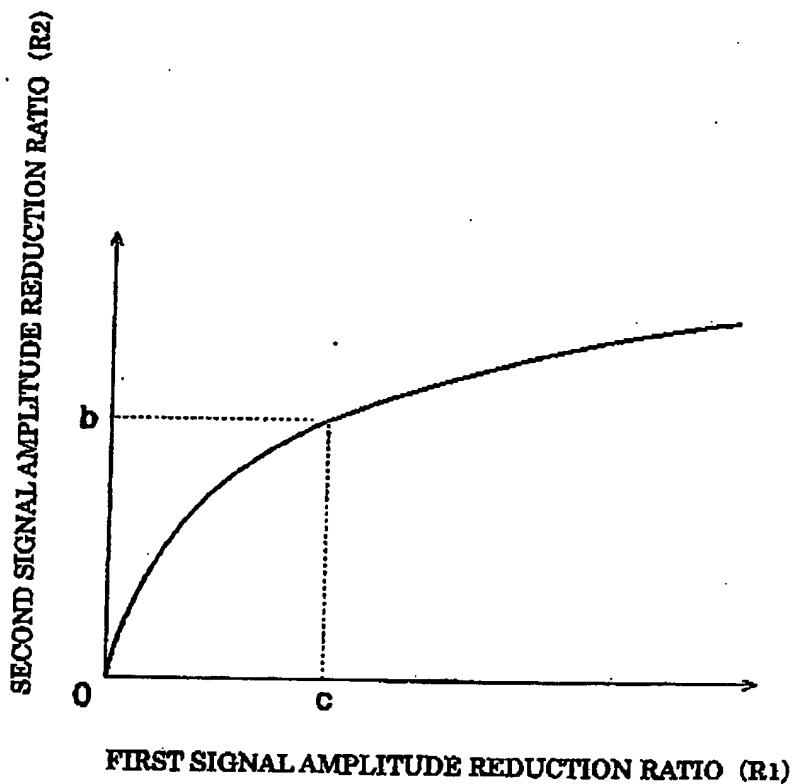
FIG. 7



10/519693

7 / 9

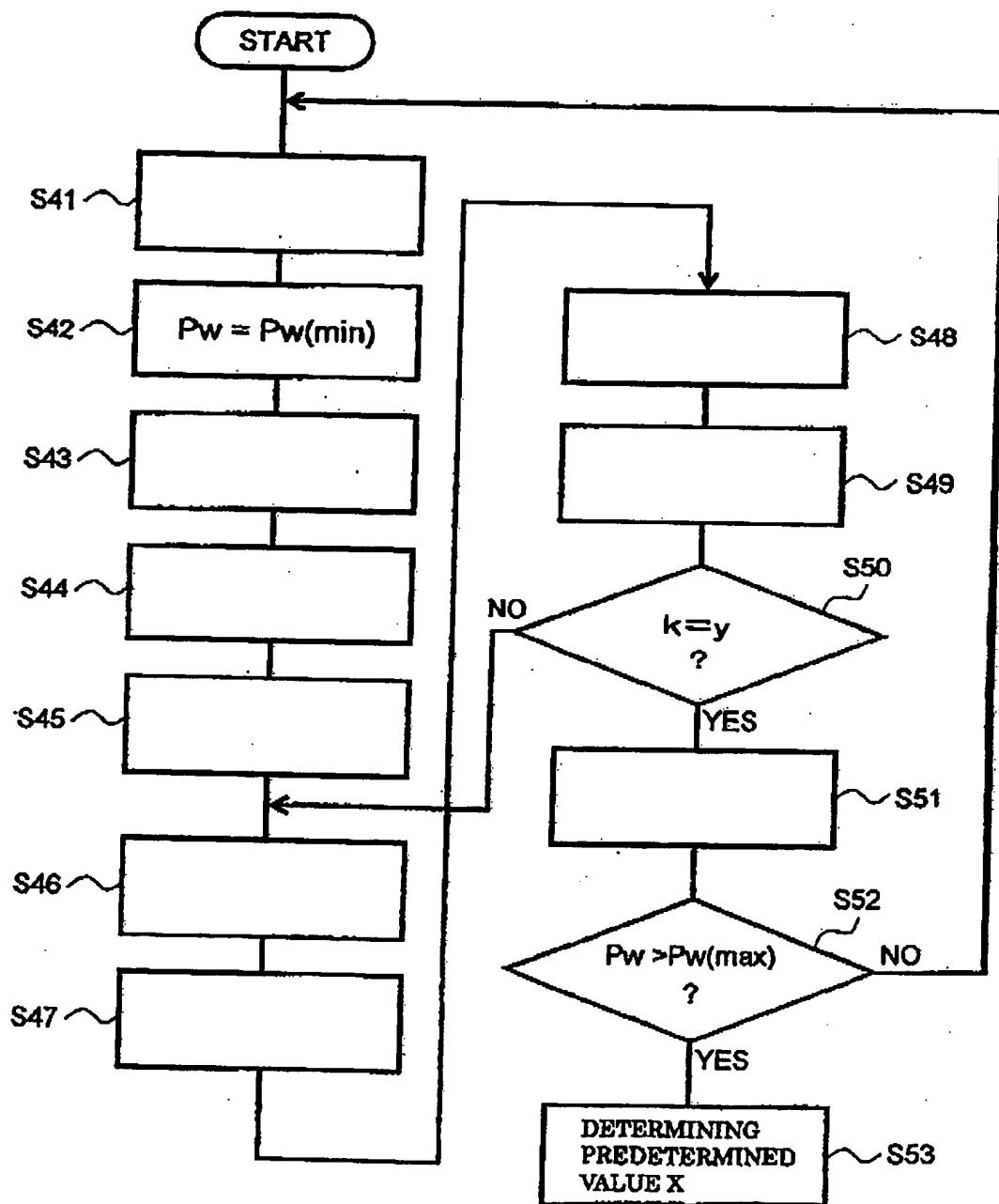
FIG. 8



10/519693

8 / 9

FIG. 9



10/519693

9 / 9

- 5 2 ..... SPINDLE MOTOR
- 5 3 ..... HEAD
- 5 4 ..... CONTROLLER
- 5 5 ..... LASER DRIVING CIRCUIT
- 5 6 ..... LENS DRIVING CIRCUIT
- 5 7 ..... FOCUS SERVO CIRCUIT
- 5 8 ..... TRACKING SERVO CIRCUIT
- 5 9 ..... LASER CONTROL CIRCUIT
- S 1 ..... RECORDING TEST SIGNAL
- S 2 ..... REPRODUCING TEST SIGNAL RECORDED ON SECOND TRACK
- S 3 ..... MEASURING PREDETERMINED SIGNAL CHARACTERISTICS
- S 4 ..... SIGNAL CHARACTERISTICS SATISFIES REFERENCE CONDITIONS ?
- S 5 ..... CHANGING RECORDING POWER PW AND RECORDING TEST SIGNAL
- S 6 ..... REPRODUCING TEST SIGNALS RECORDED ON SECOND TRACK AND THIRD TRACK
- S 7 ..... MEASURING AMPLITUDE OF SIGNAL
- S 8 ..... CALCULATING FIRST SIGNAL AMPLITUDE REDUCTION RATIO (R1)
- S 9 ..... R1 IS EQUAL TO OR LOWER THAN RC ?
- S 1 0 ..... LOWERING RECORDING POWER PW AND RECORDING TEST SIGNAL
- S 1 1 ..... DETERMINING OPTIMUM RECORDING POWER PW
- S 2 3 ..... RECORDING TEST SIGNAL
- S 2 4 ..... REPRODUCING TEST SIGNALS RECORDED ON SECOND TRACK AND THIRD TRACK
- S 2 5 ..... MEASURING JITTER AND AMPLITUDE OF SIGNAL
- S 2 7 ..... RECORDING TEST SIGNAL
- S 2 9 ..... REPRODUCING TEST SIGNAL RECORDED ON SECOND TRACK
- S 3 0 ..... MEASURING JITTER AND AMPLITUDE OF SIGNAL
- S 3 3 ..... PRODUCING TABLE T
- S 3 4 ..... PRODUCING FIRST GRAPH
- S 3 5 ..... PRODUCING SECOND GRAPH
- S 3 6 ..... DETERMINING RC
- S 4 1 ..... K = 0
- S 4 3 ..... RECORDING TEST SIGNAL
- S 4 4 ..... REPRODUCING TEST SIGNALS RECORDED ON SECOND TRACK AND THIRD TRACK
- S 4 5 ..... MEASURING JITTER OF SIGNAL
- S 4 6 ..... K = K + 1
- S 4 7 ..... RECORDING TEST SIGNAL
- S 4 8 ..... REPRODUCING TEST SIGNAL RECORDED ON SECOND TRACK
- S 4 9 ..... MEASURING JITTER OF SIGNAL
- S 5 1 ..... PW = PW + B